

**San José State University**  
**Department of Communication Disorders & Sciences**  
**EDSP 161, Normal Processes of Speech, Language and Hearing, Section 03, Fall Semester, 2018**

**Course and Contact Information**

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Office Hours:	By appointment only
Class Days/Time:	Monday 4:00-6:45
Classroom:	Sweeney Hall 433
Prerequisites:	EDSP 113

**Course Description**

Normal neuropsychological processes of swallowing, speech, language and hearing. Normal functioning of the nervous system in sensory, cognitive and motor processes. Prerequisite: Upper division standing, EDSP 113 or instructor consent.

EDSP 161 is an introductory neuroscience course designed to provide basic knowledge and understanding of neuroanatomy and neurophysiology with special emphasis on the processes, which underlie swallowing, speech, language, hearing, cognition and vision across cultures.

The student shall demonstrate knowledge of human embryology, central, peripheral, and autonomic nervous system anatomy and physiology, underlying process for vision, audition, speech and language, brain specialization, and instrumentation for neurological evaluation.

**Course Learning Outcomes (CLO)**

Upon successful completion of this course, students will be able to:

- CLO1 The student shall demonstrate understanding of the anatomy, physiology, and acoustics of speech including the processes of respiration, phonation, articulation, and resonance (ASHA standard IV-A, IV-B; Exams 1-2 and assignments 1-3)
- CLO2 The student shall demonstrate knowledge of basic human communication and swallowing processes, pertaining to normal and abnormal human development across the life span. (ASHA Standard IV-A, IV-B; Exams 1-3 and assignments 1-2)
- CLO3 The student shall demonstrate knowledge of communication and swallowing disorders and differences, including the appropriate etiologies, characteristics, anatomical/physiological in the areas of neurological disorders. (ASHA Standard IV-C; Exam 4 and assignment 3)

ASHA 2014 CCC Standards related to EDSP 161 as indicated above can be found:

<http://www.asha.org/Certification/2014-Speech-Language-Pathology-Certification-Standards/>

## Required Texts/Readings

### Textbook

Love, Webb. & Adler, R. (2016). Neurology for the Speech Language Pathologist. (6<sup>th</sup> Ed.). St. Louis: Mosby-Elsevier.

### Suggested Resources:

The purpose of the lecture Powerpoints is to provide you some help in following the lecture and improving your real-time comprehension of the material. The Powerpoints will be on the web, through canvas.

<http://sjsu.instructure.com>

### Other Reading materials:

1. Seikel, J.A., King, D.W., & Drumright, D.G. (2010). Anatomy & Physiology for Speech, Language, and Hearing (4<sup>th</sup> Ed.)  
Available in electronic version at [www.coursemart.com](http://www.coursemart.com)
2. LaPointe L.L. (2012). Atlas of Neuroanatomy for Communication Science and Disorders. New York: Thieme Publishers.
3. Diamond, M.C., Scheibel, A.B., & Elson, L.M. (1985). The Human Brain Coloring Book. New York: Harper & Row Publishers.

**Library Liason:** Suzie Bahmanyar

**Email:** [suzie.bahmanyar@sjsu.edu](mailto:suzie.bahmanyar@sjsu.edu)

<http://libguides.sjsu.edu/commicationdisorders>

## Course Requirements and Assignments

Success in this course is based on the expectation that students will spend, for each unit of credit, a minimum of 45 hours over the length of the course (normally three hours per unit per week) for instruction, preparation/studying, or course related activities, including but not limited to internships, labs, and clinical practica. Other course structures will have equivalent workload expectations as described in the syllabus.

	<b>Points</b>	<b>Due Date</b>
10 Homework Assignments	10 points each	Assigned in Class
4 Quizzes	25 points each	See Schedule
Midterm Exam	50 Points	10/22/18 - See Schedule
Disorder Paper	50 Points	11/19/18 by 10:00pm via email
Final Exam	100 Points	12/17/18 - See Schedule
Total:	400 Points	--

**Assignments:** Students will complete homework assignments to be detailed in class.

**Quizzes:** Quizzes will be short and may consist of labeling, multiple choice, T/F, & short answers.

**Papers on Disorders:** Each student will be assigned an associated disorder/clinical population and be required to write up a review. The review will include but is not limited to the following:

- Description and definition of the disorder/clinical population, including prevalence and etiology;
- Discussion of the effects of the disorder on Speech, Language, Hearing, Cognition, Memory, and Swallowing.
- Discussion of the SLP role in evaluation and treatment of the disorder as well as prognosis.

The written paper must be 2-3 pages, single-spaced. There must be at least 3 references from journals or other research sources other than the course textbooks.

**Exams:** All exams are cumulative. Exam dates are tentative except the final exam. All exams will be a combination of multiple choice, true/false, short answer, and essay questions.

### **Final Examination or Evaluation**

Faculty members are required to have a culminating activity for their courses, which can include a final examination, a final research paper or project, a final creative work or performance, a final portfolio of work, or other appropriate assignment.

Final Examination will consist of the last written examination in the course.

### **Grading Information**

Grading Policy: Grades will be determined using the point system detailed above.

Your grade is based on the following scale:

A+	100%-98%	B+	89%-87%	C+	79%-77%	D	69%-60%
A	97%-94%	B	86%-84%	C	76%-74%	F	59% & Below
A-	93%-90%	B-	83%-80%	C-	73%-70%		

- All assignments and exams must be submitted on time. **Late assignment will NOT be accepted.** At the discretion of the instructor, make-up exams are rarely given except in the cases of documented illnesses and/or emergencies.
- For illnesses, documentation must be in the form of a written note from your personal physician. For personal or family-related emergencies, an appropriate verification of the absence will be required. **Documentation must be procured within one week.**
- In case you are ill of have an emergency, please let me know your status **within 24 hours** after the missed exam date by email, phone, or in person. **Any notification after the 24-hour period will not be accepted, and you will not be able to make up the missed deadline.**

### **Classroom Protocol**

- In consideration of others in the class please arrive to class on time and make sure your cell phones are turned off or are on silent mode.
- You are responsible for obtaining copies of any class notes or handouts that were presented and distributed on a day you were absent.
- Read and use your syllabus.
- Be prepared and ready to answer questions during any given class.
- Participate in class discussions by making comments, answering and asking questions.
- Function as a good classroom citizen by respecting other opinions and being an active listener.
- Communicate with me about concerns as they arise.

### **University Policies**

Per University Policy S16-9, university-wide policy information relevant to all courses, such as academic integrity, accommodations, etc. will be available on Office of Graduate and Undergraduate Programs' [Syllabus Information web page](http://www.sjsu.edu/gup/syllabusinfo/) at <http://www.sjsu.edu/gup/syllabusinfo/> Make sure to review these university policies and resources.

## Course Number / Title, Semester, Course Schedule

### Course Schedule

Week	Date	Topics, Readings, Assignments, Deadlines
1	8/27	Introduction History and Views Chapters 1 and 3 (pg 63-70)
2	9/3	LABOR DAY – NO CLASS
3	9/10	Neuronal Function in the Nervous System <b>Homework Assignment 1 due</b> Chapter 4
4	9/17	<b>Quiz 1 (25 points)</b> Gross Neuroanatomy • CNS & PNS <b>Homework Assignment 2 due</b> Chapter 2
5	9/24	Gross Neuroanatomy (continued) • CNS • PNS Organization of the Nervous System II <b>Homework Assignment 3 due</b> Chapter 2 Chapter 3
6	10/1	<b>Quiz 2 (25 points)</b> Neurosensory Organization <b>Homework Assignment 4 due</b> Chapter 5
7	10/8	Neuromotor Control of Speech <b>Homework Assignment 5 due</b> Chapter 6
8	10/15	Cranial Nerves <b>Homework Assignment 6 due</b> Chapter 7
9	10/22	<b>Midterm Exam (50 points)</b>
10	10/29	Motor System Speech Syndromes <b>Homework Assignment 7 due</b> Chapter 8
11	11/5	<b>Quiz 3 (25 points)</b> Central Language Mechanism and Learning <b>Homework Assignment 8 due</b> Chapter 9
12	11/12	<b>Veteran's Day</b>
13	11/19	Adult Disorders of Language <b>Homework Assignment 9 due</b> Adult Disorders of Language Chapter 10 (pg 206-220) <b>Disorder Papers Due by 10:00pm via email (50 points)</b> <b>Homework Assignment 10 due</b> Chapter 10 (pg 206-220)
14	11/26	<b>Quiz 4 (25 points)</b> Cognitive – Linguistic Deficits Chapter 10 (pg 220-231)
15	12/3	Cognitive – Linguistic Deficits Swallowing Chapter 10 (pg 220-231) PowerPoint Lecture
16	12/10	Swallowing Catch-up and Review PowerPoint Lecture
<b>Final Exam</b>	12/17	<b>In class - 5:15-7:30pm (100 points)</b>